

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (currently amended) A method comprising:
prior to executing a search query to perform a search, displaying a user interface on a display, the user interface displaying a graphical representation of the search query, the graphical representation including at least a numerical preview indication of ~~the~~ an expected size of a dataset resulting from application of at least a portion of the query; and
wherein the displaying of the user interface includes at least displaying a graphical preview of the expected size of the dataset resulting from application of at least a portion of the query, the graphical preview having a thickness representative of the expected size of the dataset.
2. (canceled)
3. (currently amended) The method of claim 1, wherein the displaying of the user interface includes at least displaying icons including at least:
a first icon representing a first filter; and
a second icon representing a second filter; and
wherein
the first filter precedes the second filter in the search query, and
the dataset, of the numerical and graphical preview, results from the first filter and any preceding filters.
4. (currently amended) The method of claim 1 wherein, the displaying of the user interface includes at least

displaying at least two icons representing filters; and
displaying dataflow lines connecting the at least two icons.

5. (currently amended) A method comprising:
prior to executing a search query to perform a search, displaying a user interface on a
display, the user interface displaying a graphical representation of the search
query, the graphical representation including at least a numerical preview
indication of the an expected size of a dataset resulting from application of at least
a portion of the query; and ~~The method of claim 1,~~
wherein the displaying of the user interface includes at least displaying a graphical
preview indication that is a visually distinct region located in a proximity to an
icon representing a filter, the region having a thickness representative of an
expected size of the dataset.

6. (original) A method comprising:
prior to executing a search query to perform a search, displaying a user interface on a
display, the user interface displaying a graphical representation of the search query,
the graphical representation including at least a graphical preview indication of an
expected size of a dataset resulting from application of at least a portion of the query,
the graphical preview indication being a visually distinct region having a shape
suggestive of a funnel.

7. (original) A method comprising:
prior to executing a search query to perform a search, displaying a user interface on a
display, the user interface displaying a graphical representation of the search query,
the graphical representation including at least
a first graphical preview indication that is a first visually distinct region, having a
first starting width and a first ending width, the first visually distinct region
being located in a proximity to a first icon representing a first filter, and the
first ending width having a width that is representative of an expected size of a
first dataset; and

a second graphical preview indication that is a second visually distinct region, having a second starting width and a second ending width, the second visually distinct region being located in a proximity to a second icon representing a second filter, the second ending width having a width that is representative of an expected size of a second dataset, the second visually distinct region being adjacent to the first visually distinct region, the width of the second starting width being equal to the first ending width.

8. (original) A method comprising:

prior to executing a search query to perform a search, displaying a user interface on a display, the user interface displaying a graphical representation of the search query, the graphical representation including at least an icon that is a group icon representing a group of filters of the search query.

9. (original) The method of claim 8, wherein the group icon can be opened, and therein display:

a group of icons corresponding to the group of filters, and
dataflow lines connecting icons of the group of icons, the dataflow lines and the icons of the group of icons being arranged to indicate an order of application of filters of the group of filters.

10. (currently amended) A method comprising:

prior to executing a search query to perform a search, displaying a user interface on a display, the user interface displaying a graphical representation of the search query, the graphical representation including at least:

a first icon representing a first filter associated with the search query, and

a second icon representing a second filter associated with the search query; and

the user interface including at least a set of logical operator buttons, wherein each button is associated with a logical operator; and

in response to a selection of the first icon and second icon and a selection of a button from the set of logical operator buttons, applying the logical operator associated with the selected button to the first icon and second icon.

~~receiving input regarding a new location of the first icon; and
determining which logical operator to apply based upon a relative positioning of the first icon with respect to the second icon.~~

11. (currently amended) The method of claim 10, wherein:

if a Boolean OR operator is applied, the new location of the first icon is
substantially vertically aligned with the second icon, ~~a Boolean OR operator is applied; and~~

if a Boolean AND operator is applied, the new location of first icon is
substantially horizontally aligned with the second icon, ~~a Boolean AND operator is applied.~~

12. (currently amended) The method of claim 10 further comprising:

in response to the input, displaying a textual indication of a type of logical
operator associated with the ~~new location of the first icon~~ and second icon.

13. (canceled)

14. (currently amended) A method comprising:

displaying a user interface on a display, the user interface displaying graphical
representations of a search query, wherein at least one or more portions of the search
query are divided into one or more query steps, each of the one or more query steps
corresponding to a portion of the search query, each of the one or more query steps
including one or more attributes;
receiving user input that specifies a value for one attribute of the one or more attributes of
one query step of the one or more query steps; and

in response to the user input, performing an action on a portion of the search query corresponding to the one query step, the action being based on the value of the one attribute; and
wherein the performing of the action includes independently disabling the one query step without removing the components of the one query step from the query representation, thereby disabling any portion of the search query corresponding to the one query step.

15. (canceled)

16. (original) The method of claim 14, wherein:
the one or more query steps are arranged in an order according to a query flow; and
each query step is combined with other portions of the search query using Boolean logic.

17. (original) The method of claim 14, wherein the query steps are numbered according to an order in which the query steps are applied.

18. (original) The method of claim 14, wherein the one or more query steps are a plurality of query steps that are arranged in an order, and the order is alterable by dragging to a new location and dropping a query step selected from the plurality of query steps.

19. (original) The method of claim 14 further comprising creating within a query step a group icon representing a container for, and having contained within, a group of icons representing a group of filters associated with a portion of the search query.

20. (original) The method of claim 14 further comprising displaying a graphical representation of a search query for a multidimensional database.

21. (currently amended) A computer-readable storage medium carrying one or more sequences of instructions which, when executed by one or more processors, causes the one or more processors to perform the method recited in Claim 1.

22. (canceled)
23. (currently amended) A computer-readable storage medium carrying one or more sequences of instructions which, when executed by one or more processors, causes the one or more processors to perform the method recited in Claim 3.
24. (currently amended) A computer-readable storage medium carrying one or more sequences of instructions which, when executed by one or more processors, causes the one or more processors to perform the method recited in Claim 4.
25. (currently amended) A computer-readable storage medium carrying one or more sequences of instructions which, when executed by one or more processors, causes the one or more processors to perform the method recited in Claim 5.
26. (currently amended) A computer-readable storage medium carrying one or more sequences of instructions which, when executed by one or more processors, causes the one or more processors to perform the method recited in Claim 6.
27. (currently amended) A computer-readable storage medium carrying one or more sequences of instructions which, when executed by one or more processors, causes the one or more processors to perform the method recited in Claim 7.
28. (currently amended) A computer-readable storage medium carrying one or more sequences of instructions which, when executed by one or more processors, causes the one or more processors to perform the method recited in Claim 8.
29. (currently amended) A computer-readable storage medium carrying one or more sequences of instructions which, when executed by one or more processors, causes the one or more processors to perform the method recited in Claim 9.

30. (currently amended) A computer-readable storage medium carrying one or more sequences of instructions which, when executed by one or more processors, causes the one or more processors to perform the method recited in Claim 10.
31. (currently amended) A computer-readable storage medium carrying one or more sequences of instructions which, when executed by one or more processors, causes the one or more processors to perform the method recited in Claim 11.
32. (currently amended) A computer-readable storage medium carrying one or more sequences of instructions which, when executed by one or more processors, causes the one or more processors to perform the method recited in Claim 12.
33. (canceled)
34. (currently amended) A computer-readable storage medium carrying one or more sequences of instructions which, when executed by one or more processors, causes the one or more processors to perform the method recited in Claim 14.
35. (canceled)
36. (currently amended) A computer-readable storage medium carrying one or more sequences of instructions which, when executed by one or more processors, causes the one or more processors to perform the method recited in Claim 16.
37. (currently amended) A computer-readable storage medium carrying one or more sequences of instructions which, when executed by one or more processors, causes the one or more processors to perform the method recited in Claim 17.

38. (currently amended) A computer-readable storage medium carrying one or more sequences of instructions which, when executed by one or more processors, causes the one or more processors to perform the method recited in Claim 18.
39. (currently amended) A computer-readable storage medium carrying one or more sequences of instructions which, when executed by one or more processors, causes the one or more processors to perform the method recited in Claim 19.
40. (currently amended) A computer-readable storage medium carrying one or more sequences of instructions which, when executed by one or more processors, causes the one or more processors to perform the method recited in Claim 20.
41. (new) The method of claim 10 wherein:
the logical operators associated with the set of logical operator buttons comprises:
a Boolean OR operator,
a Boolean AND operator, and
a logical NOT operator.
42. (new) A computer-readable storage medium carrying one or more sequences of instructions which, when executed by one or more processors, causes the one or more processors to perform the method recited in Claim 41.